

SARS-CoV-2 N Rabbit pAb

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Catalog # AP94000

Product Information

Application	WB
Host	Rabbit
Clonality	Polyclonal
Physical State	Liquid
Immunogen	Recombinant SARS-CoV-2 Nucleocapsid protein
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Virion membrane ; Single-pass type I membrane protein ; Host endoplasmic reticulum-Golgi intermediate compartment membrane ; Single-pass type I membrane protein ; Host cell membrane ; Single-pass type I membrane protein ;Note: Accumulates in the endoplasmic reticulum-Golgi intermediate compartment, where it participates in virus particle assembly. Colocalizes with S in the host endoplasmic reticulum-Golgi intermediate compartment. Some S oligomers are transported to the host plasma membrane, where they may mediate cell-cell fusion.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	The SARS-CoV-2 spike (S) protein is the target of vaccine design efforts to end the COVID-19 pandemic. Despite a low mutation rate, isolates with the D614G substitution in the S protein appeared early during the pandemic, and are now the dominant form worldwide. Here, we analyze the D614G mutation in the context of a soluble S ectodomain construct.

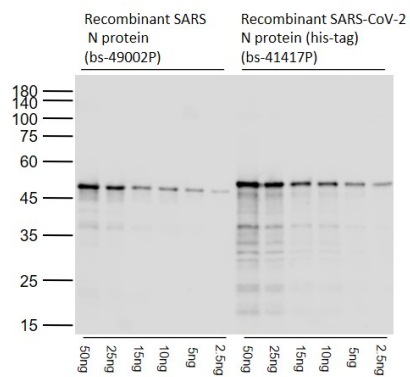
Additional Information

Dilution	WB=1:500-2000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

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Images



Sample:

Lane 1~6: Recombinant SARS-CoV Nucleocapsid protein (1-422)

Lane 7~12: Recombinant SARS-CoV-2 Nucleocapsid Protein (full length) (His tag)

Primary: Anti-SARS-CoV-2 N (AP94000) at 1/2000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 46 kD

Observed band size: 46/48 kD

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.